AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Previously presented) A color filter manufacturing method, comprising the steps of:

providing a substrate with an extrusion method, the substrate having a plurality of grooves, each groove comprising an intermediary step portion between a top and bottom thereof;

jetting a plurality of primary colors of red R, green G, blue B into the grooves of the substrate by inkjet printing method to form color filtering layers in the primary colors of R, G, B;

jetting a black photo-resist liquid to the substrate by inkjet printing method and forming a black photo-resist thereon; and

covering a plane passivation layer on the top surface of the substrate.

2. (Previously presented) The color filter manufacturing method according to claim 1, wherein a surface area of the substrate around the groove is a smooth surface.

3. (Previously presented) The color filter manufacturing method according to claim 1, wherein a surface area of the substrate around the groove is a rough surface.

4. (Previously presented) The color filter manufacturing method according to claim 1, wherein the black photo-resist is formed on the surface of the substrate separated from the R, G, B color filtering layers.

5. (Previously presented) The color filter manufacturing method according to claim 1, wherein the black photo-resist is formed in a plurality of pre-set grooves of the substrate, and the pre-set grooves are staggered to the R, G, B, color filtering layers.

6-10. (Canceled)

11. (New) The color filter manufacturing method according to claim 1, wherein the black photo-resist is jetted onto a surface of the substrate opposite to that on which the R, G, B color filtering layers are formed.

12. (New) The color filter manufacturing method according to claim 11, wherein the black photo-resist is jetted into grooves formed in the substrate opposite to gaps between the R, G, B color filtering layers.